

# Luis Espino - Software Developer

contact@luisweb.site • (650) 465-9992 • [luisweb.site](http://luisweb.site)

## Summary:

Software Developer with a strong foundation in web development and a passion for solving complex problems. Experienced in JavaScript, app development, and REST APIs. Seeking opportunities to contribute technical expertise to innovative projects.

---

## Education:

University of California, Irvine June 2022  
B.S. in Computer Science GPA: 3.18  
Course Work: Software Design • Game Systems and Design • Data Management • Computer Vision & Graphics

## Areas of Expertise:

JavaScript	Node.js	PostgreSQL	IonicJS/Angular	Python
HTML5/CSS3	TypeScript	Redis (NoSQL)	React	C/C++
AJAX/jQuery	RESTful APIs	MongoDB (NoSQL)	Agile/SCRUM	Git

---

## Work Experience:

### Autonomous Vehicle Operator: Zoox October 2022-Present

- Conducted comprehensive **software and hardware testing** on Level 3 autonomous vehicles.
- Executed Linux Shell scripts for software troubleshooting and deployments for vehicle optimal performance.
- Provided precise written and oral feedback to engineering teams to enhance vehicle efficiency and safety.
- Gained valuable experience in debugging, problem-solving, and in-depth knowledge of autonomous vehicle technology.

### Computer Science Instructor: Juni Learning April 2022-October 2022

- Taught computer science concepts using **Python** by implementing student-centric one-on-one remote sessions.

### Office Intern: San Mateo County Health Clinic June 2018-September 2018

- Served as a professional front desk attendant, excelling in visit facilitation, personal information updates, and administrative tasks.
- Developed strong **communication** and customer service skills in a professional office environment.

## Projects:

### Spotify Browser Website February 2022

- Developed a client-server web application utilizing Angular for the front-end and **Node.js** for the back-end, facilitating seamless communication between users and the Spotify **API**.
- Designed and integrated engaging front-end features using **HTML**, **CSS**, and Angular components to enhance the user experience and interaction with the music search engine.
- Built a secure back-end API using Express.js and OAuth 2.0 protocol to handle user search requests, ensuring efficient and secure data retrieval from Spotify's extensive database.
- Utilized responsive design Bootstrap libraries to ensure optimal performance and a seamless user experience across various devices, including desktop and mobile.

### Sleep Cycle Tracker (Mobile App) January 2022

- Developed a Data Collection App that efficiently tracks users' sleeping cycle data.
- Leveraged **UX/UI** principles for a user-friendly interface.
- Coded the app complementing Javascript/HTML with the **Ionic library** to create a high-quality product.
- Rigorously **unit-tested** for **IOS** and **Android** using **Ionic Lab**, ensuring the app's stability and reliability.

### Vaccine Dash (Videogame) Website December 2021

- Collaborated with a team of five to create a single-player adventure **web game** from the ground up.
- Presented the game in a mock product pitch, showcasing key features and potential for marketability.
- Orchestrated team meetings and recorded comprehensive logs for future reference.